

UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

JUNE 04, 2001

PTAS



101654067A

PILLSBURY WINTHROP LLP
INTELLECTUAL PROPERTY GROUP
1100 NEW YORK AVENUE, NW
NINTH FLOOR
WASHINGTON, D.C. 20005-3918

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/19/2001

REEL/FRAME: 011624/0231
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
HIBINO, HIDEKI

DOC DATE: 03/06/2001

ASSIGNOR:
MIYAMOTO, TOSHIMI

DOC DATE: 03/07/2001

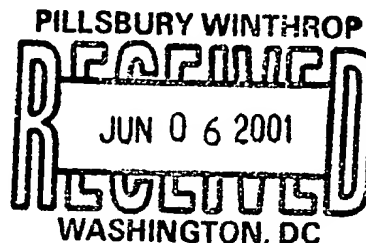
ASSIGNEE:
DENSO CORPORATION
1-1, SHOWA-CHO, KARIYA-CITY
AICHI-PREF. 448-0029, JAPAN

SERIAL NUMBER: 09810175
PATENT NUMBER:

FILING DATE: 03/19/2001
ISSUE DATE:

RECEIVED
FEB - 6 2002
TECHNOLOGY CENTER 2800

TARA WASHINGTON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



03-30-2001

BOX ASSIGNMENTS

RECOR
PATENT A

DO NOT USE FOR TRADEMARKS

101654067

TO THE ASSISTANT COMMISSIONER OF PATENT AND TRADEMARKS:
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):

1. Hideki HIBINO

2. Toshimi MIYAMOTO

3.
4.
5.
6.
7.
8.
ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? ☐ YES ☒ NO

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: DENSO CORPORATION

ADDRESS: 1-1, Showa-cho, Kariya-city, Aichi-pref. 448-0029, JAPAN

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? ☐ YES ☒ NO

3. NATURE OF CONVEYANCE (DOCUMENT):

(Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one document)☒ ASSIGNMENT OF ☒ WHOLE ☐ PART INTEREST
☒ ORIGINAL ☐ FACSIMILE/PHOTOCOPY
☐ CHANGE OF NAME ☐ VERIFIED TRANSLATION
☐ SECURITY ☐ MERGER ☐ OTHER:

EXEC. DATE: March 6 and March 7, 2001

EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (**NOTE:** IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) March 6 and 7, 20014.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? ☐ YES ☒ NO

A. PAT. APP. NO.(S) series code/serial no.	M#	1 st INVENTOR if not in item 1	B. PATENT NO(S)	M#	1 st INVENTOR if not in item 1
NEW APPLICATION	0279139	09/8/01/75			

5. Name & Address of Party to Whom Correspondence Concerning Document Should be Mailed:

Pillsbury Winthrop LLP
Intellectual Property Group
1100 New York Avenue, NW
Ninth Floor
Washington, DC 20005-39186. NUMBER INVOLVED:
APPLNS 1 + PATS 0 = TOTAL7. AMOUNT OF FEE ENCLOSED: (Code 581)
ABOVE TOTAL x \$40 = \$

5.5 ATTY DKT:

P 060388

U3-0058-YK

8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975

UNDER ORDER NO

060388

0279139

MATTER NO.

CLIENT REF.

03/21/2001 NUMBER: 00000067 09810175

02 FC:581

40.00 DP

9. STATEMENT AND SIGNATURE.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Signature

10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet)

2

Attorney: Glenn J. Perry

Reg. No. 28458

Atty/Sec: gjp/ml

TEL: (202) 861-3070

Date: March 19, 2001

FAX: (202) 822-0944

FILE WITH PTO RETURN RECEIPT (PAT-103A)

3-19-01
MDJC972 U.S. PTO
09/810175
03/19/01

Pillsbury Madison & Sutro LLP
Intellectual Property Group
Ninth Floor, East Tower
1100 New York Avenue, N.W.
Washington, D.C. 20005-3918

USA Patent Appln.
Sole or Joint

Atty. Dkt.

For Inventions made outside USA
executed with or after application

M#

Client Ref.

NONPROVISIONAL

NONPROVISIONAL

ASSIGNMENT OF NONPROVISIONAL APPLICATION

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

INSERT
NAME(S) OF
INVENTOR(S)

(1) Hideki HIBINO	(4)
(2) Toshimi MIYAMOTO	(5)
(3)	<input type="checkbox"/> x box if continued on page 2

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT
NAME(S) OF
ASSIGNEE(S)
& ADDRESS(ES)

DENSO CORPORATION

of 1-1, Showa-cho, Kariya-city, Aichi-pref. 448-0029 Japan

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as

TITLE OF
INVENTION

IMPROVED STRUCTURE OF GAS SENSOR

for which the undersigned executed an application for Letters Patent of the United States of America:

NOTE --
(Complete
line A, B and/or C)

(A) ☒ even date herewith(B) ☒ on March 6 and 7, 2001(C) ☐ in U.S. Appln. No. / filed

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

NOTE -- The undersigned hereby authorize(s) Pillsbury Madison & Sutro, Intellectual Property Group, of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

INVENTOR(S)

DATE SIGNED

WITNESSES

1)

Hideki Hibino

March 6, 2001

Hirokazu Yamada

Name: Hideki Hibino

2)

Toshimi Miyamoto

March 7, 2001

Hirokazu Yamada

Name: Toshimi Miyamoto

3)

Name:

4)

Name:

5)

Name:

IF ADDITIONAL INVENTORS, check box ☐ and continue on page 2.